

Delivering Courses Beyond Campus Walls: A Focus on High Schools



Off-Campus and Distance Education
at Nebraska Public Institutions

December 2018

What is Reported?

Each institution submits an Excel spreadsheet indicating:

- Any course offered at a location that is not the primary campus or a branch campus
- Name and number of the course
- CIP code (subject area)
- Mode of delivery
- Locations if applicable
- Enrollment
- Course credit hours
- Notation if the course is offered primarily for high school students

2-Digit CIP	Course Name	Course No.	Cr. Hrs	Primary Mode			Synchronous				Asynch	Traditional			
							Primary Sending		Remote Receiving			Count	Site(s)	Count	HS
							S	A	T	Site(s)					
13	TEACHING ELEM/MS MATHEMATICS	321	2	X			Chadron	11	Scottsbluff	5					
									North Platte, NE	1					
13	TEACHING ELEM/MS LANGUAGE ARTS	322	2	X			Chadron	8	Scottsbluff	3					
									North Platte, NE	2					
13	TEACHING ELEM/MS SOCIAL STUD	323	2	X			Chadron	9	Scottsbluff	3					
									North Platte, NE	2					
27	COLLEGE ALGEBRA	142	4									Hemingford		4	
27	COLLEGE ALGEBRA	142	4									Sandhills		11	
27	COLLEGE ALGEBRA	142	4									Sidney		4	
27	COLLEGE ALGEBRA	142	4									Chadron		18	
27	COLLEGE ALGEBRA	142	4									Gordon		9	
24	Introduction to Psychology	1810	3	X			Chamber's High School		West Holt High School	6				X	
52	Personal Finance	1200	3		X							Lincoln Northeast		5	
51	Medical Terminology	1060	2	X			Hay Springs	0	Bayard Mitchell	3				x	
									Dalton	4					
24	College Algebra	1150	4	X			Oshkosh	0	Kimball	5				X	
24	Applied Statistics	1100	3	X			Sidney	0	Alliance	7					
									Scottsbluff	1					
									Alliance HS	15					
										4				X	

Why do we collect this data?

CCPE 's first report was for 1993-94

In the transmittal letter to the institutions, Dr. David Powers wrote:

“We believe this report will be very useful to our colleges and universities by helping them to identify areas of the state that may be underserved...”

The focus in the report was on access for students as evidenced by locations, as well as number and types of courses

Access is still a primary concern

However....

- There is a rapidly expanding number and variety of courses and programs
- With the huge growth of asynchronous delivery methods, location is less important—students have access from most locations
- Physical location is overshadowed by other access issues (e.g., broadband availability)

So, should future reports change?

- Due to the number, delivery mechanisms, and availability of courses, we have a reasonable assurance that students are being served
- There is still a data gap related to dual credit courses—information not being collected elsewhere
- Although the Nebraska Department of Education now flags dual credit courses in its database, there are many pieces of information not included.
- The Commission does not have access to the NDE database.

Therefore, a “focus on high schools” section was included in the 2014-15 and 2015-16 reports

Courses Offered to High School Students by Delivery Method 2016-17

Institution	Synch	Asynch	Tradition	Total
UNK	1	0	0	1
UNL	0	48	0	48
UNMC	0	0	0	0
UNO	0	0	456	456
NCTA	0	22	0	22
University Total	1	70	456	527
CSC	0	0	21	21
PSC	0	18	150	168
WSC	0	23	16	39
State College Total	0	41	187	228
CCC	140	185	279	604
MCC	0	0	1,525	1,525
MPCC	113	0	230	343
NECC	48	0	206	254
SCC	18	10	247	275
WNCC	0	0	93	93
Community College Total	319	195	2,580	3,094
Grand Total	320	306	3,223	3,849

High School Course Offerings by Discipline (CIP Code) and Sector, 2016-17

CIP Code		University of NE		State Colleges		Community Colleges		Total Courses	Total Students
		# Courses	# Students	# Courses	# Students	# Courses	# Students		
1	Agriculture	33	220			30	120	63	340
4	Architecture & Related Svcs	2	10					2	10
5	Ethnic/Cultural Studies	2	6					2	6
9	Communication			1	13				
10	Communications Technology					15	97	15	97
11	Information Sciences	45	324	2	8	150	1,255	197	1,587
12	Culinary					5	62	5	62
13	Education	12	107	2	5			14	112
15	Engineering Technology					76	563	76	563
16	Foreign Language	37	238	4	53	12	141	53	432
19	Family/Consumer Science	9	35			36	331	45	366
22	Legal Professions & Studies					1	9	1	9
23	English Language/Lit	53	747	63	1,049	63	513	179	2,309
24	Liberal Arts / Sciences					1,736	15,661	1,736	15,661
26	Biology	42	446	15	216			57	662
27	Math	54	466	51	406	115	486	220	1,358
30	International Study			1	21				
31	Parks/Leisure Studies	10	35	1	16			11	51
32	Basic Skills (non-credit)					46	307	46	307
38	Philosophy/Religion	6	62					6	62
40	Physical Science	43	496	11	131			54	627
42	Psychology	27	354	20	378			47	732
43	Security/Protective Svcs			4	63	35	123	39	186
45	Social Science	77	1013	21	368			98	1,381
46	Construction					110	675	110	675
47	Mechanic & Repair					199	2,152	199	2,152
48	Precision Production					221	1,612	221	1,612
49	Transportation	2	5					2	5
50	Arts	13	56	1	1	49	487	63	544
51	Health Professions					232	1,510	232	1,510
52	Business	11	133	18	166	145	746	174	1,045
54	History	49	702	13	156			62	858

Red figures indicate largest number of courses and enrollment

High School Course Offerings by Discipline (CIP Code) and Institution Community College Sector, 2016-17

Nebraska Community Colleges												
	CCC		MCC		MPCC		NECC		SCC		WNCC	
CIP Code	Crs	Stu	Crs	Stu	Crs	Stu	Crs	Stu	Crs	Stu	Crs	Stu
1 - Agriculture			4	34	19	45	1	3	6	38		
10 – Communications Tech	12	66	3	31								
11 - Information Sciences	17	73	121	1123	1	0	2	24	7	20	2	15
12 - Culinary			5	62								
15 - Engineering Technology	29	150	36	344	3	5	2	7			6	57
16 - Foreign Language			12	141								
19 - Family/Consumer Science	1	1	34	320					1	10		
22 – Legal Prof. & Studies			1	9								
23 - English Language/Lit							63	513				
24 - Liberal Arts & Sciences	377	3145	670	7155	376	2070	91	571	168	1950	54	770
27 - Math							115	486				
32 - Basic Skills (non-credit)	1	2	38	257	2	14					5	34
43 - Security/Protective Svc	2	4	33	119								
46 - Construction	11	104	85	471	2	0			6	26	6	74
47 - Mechanic & Repair	33	395	163	1749	3	8						
48 - Precision Production	49	258	94	1010	25	74			53	270		
50 - Arts	2	15	42	460	4	11					1	1
51 - Health Professions	42	201	112	730	3	9	36	166	23	214	16	190
52 - Business	28	67	72	413	24	93	7	24	11	97	3	52

Locations of Traditional and Synchronous Courses Delivered to High School Students, 2016-17



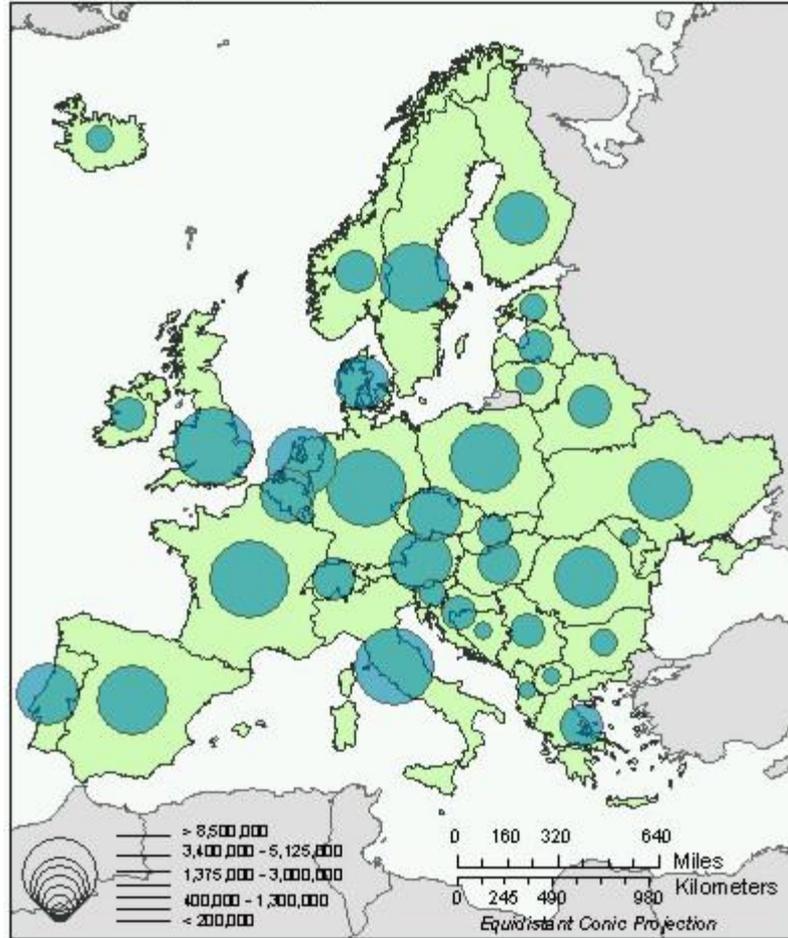
And starting in 2019:

- Only courses for high schools will be reported
- No distinction will be made between send and receive sites (only locations with students will be reported)
- No credit hours will be reported

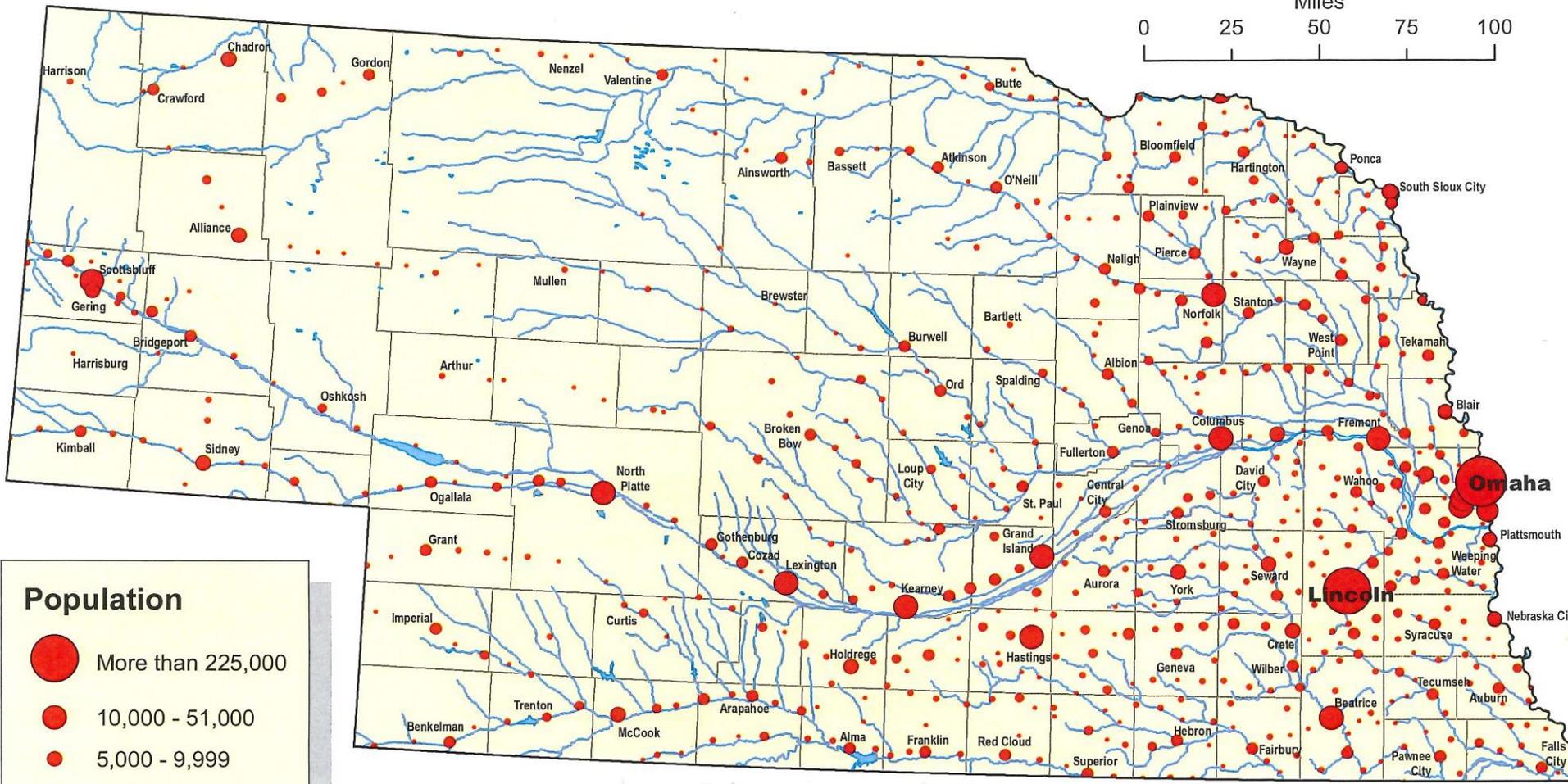
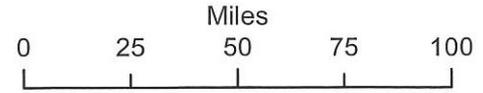
Areas of Concern

- Only information for students taking courses from public higher education institutions is collected.
- Students who take college courses on their own are not generally counted separately by the institution and are not reflected in the data collected.
- Location is mapped but not number of courses

Graduated Symbol Map of Internet Users in 2004 Europe



Cities and Villages



Population

- More than 225,000
- 10,000 - 51,000
- 5,000 - 9,999
- 1,000 - 4,999
- 500 - 999
- 100 - 499
- Less than 100

Questions We Have

- Are we asking the right questions of the institutions?
- Is there something that should be included in the future?
- Are there items that should be eliminated?
- Are there other ideas for improvement?